

## **Bryson Robertson**

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Dr. Robertson is the co-Director of the Pacific Marine Energy Center (PMEC) and an Associate Professor in Civil Engineering at Oregon State University. He has a Bachelor of Mechanical Engineering from the University of Victoria, and a PhD in Environmental Engineering from the University of Guelph. He has spent the better portion of the past 20 years actively involved within the North American marine energy market, energy systems and coastal engineering sectors. From helping design the hybrid renewable energy system for the Race Rocks, the first tidal energy turbine deployed in North America (2004), to his current role with PMEC, his involvement has included conducting fundamental research within universities, developing commercial products within industry, and helping government organizations develop implementation roadmaps for marine energy commercialization. His research and professional portfolio covers the full development cycle for marine energy systems with expertise that includes resource assessments, to technology development, to market opportunity evaluations. Dr. Robertson have worked with large

multinational corporations, small technology developers, private NGO's, tribes, large electrical utilities, and international information technology companies to better understand their roles and opportunities in this emerging sector. Additionally, his research efforts also include long-term electricity system transition analyses. As North American electricity systems rapidly evolve, it is imperative that we understand the opportunities and challenges at the nexus of global economic growth, climate change, renewable technology development, policy ambitions, and human social structures.